12-01-00

PTO/SB/05 (2/98)

Approved for use through 09/30/2000." OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Express Mail Label No.

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 1709898 First Inventory or Application Identifier | HAROLD A. DVORACHEK ROTARY CONTACT STRUCTURES AND CUTTING ELEMENTS

EI277423417US

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Commissioner for Patents ADDRESS TO

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Box Patent Application Washington, DC 20231						
*Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	6. Microfiche Computer Program (Appendix)						
2. X Specification [Total Pages 23]	7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)						
- Descriptive title of the Invention	a. Computer Readable Copy						
- Cross References to Related Applications							
- Statement Regarding Fed sponsored R & D	b. Paper Copy (identical to computer copy)						
- Reference to Microfiche Appendix	c. Statement verifying identity of above copies						
- Background of the Invention							
- Brief Summary of the Invention	ACCOMPANYING APPLICATION PARTS						
- Brief Description of the Drawings (if filed)	8. Assignment Papers (cover sheet & document(s))						
- Detailed Description	37 C.F.R. §3.73(b) Statement X Power of Attorney						
- Claim(s)	9. (when there is an assignee)						
- Abstract of the Disclosure	10. English Translation Document (if applicable)						
3. X Drawing(s) (35 U.S.C. 113) [Total Sheets 14]	Information Disclosure Copies of IDS						
	11. Statement (IDS)/PTO-1449 Citations						
4. Oath or Declaration [Total Pages 2]	12. Preliminary Amendment						
a. X Newly executed (original or copy)	X Return Receipt Postcard (MPEP 503)						
Copy from a prior application (37 C.F.R. § 1.63(d))	13 (Snould be specifically itemized)						
b (for continuation/divisional with Box 17 completed)	*Small Entity Statementfiled in prior application,						
[Note Box 5 below] : DELETION OF INVENTOR(S)	(PTO/SB/09-12) Status Still proper and desired						
i. Signed statement attached deleting	Certified Copy of Priority Document(s)						
inventor(s) named in the prior application,	15 (if foreign priority is claimed)						
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).	16. Other:						
5 Incorporation By Reference (useable if Box 4b is checked)							
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is NOTE FOR ITEMS 1 & 14 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A							
considered to be part of the disclosure of the accompanying SMALL ENTITY STATEMENT IS REQUIRED (37 § 127), EXCEPT IF ONE FILED IN A PRIOR							
application and is nereby incorporated by reference therein.							
17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:							
Continuation Divisional Continuation-in-part (C							
Prior application information: Examiner	Group / Art Unit:						
18 ROBERT OF ADDRESS							
	Section of the sectio						
X Customer Number or Bar Code Label	or Correspondence address below ltach bar code label here)						
National Management of the Control o	111111111111111111111111111111111111111						
Name JOHN R. CROSSAN PATENT TRADEMARK O CHAPMAN AND CUTLER	T I IV.						
111 W. Monroe Street							
Address TTT W. Mornoe Street							
City Chicago State IL	Zip Code 60603						
	15-3420 Fax 312-701-2361						
	Paristration No. (No. 1) 07, 100						
Name (Print/Type) JOHN R. CROSSÁN	Registration No. (Attorney/Agent) 27, 433						
Signature	Date 1/1/4/100						

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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	Complete if Known			
	Application Number		2	
FEE TRANSMITTAL	Filing Date	November 28, 2000	م ۽	
Patent fees are subject to annual revision on October 1. These are the fees effective October 1, 1997. Small Entity payments must be supported by a small entity statement,	First Named Inventor	Harold A. Dvorachek	S. 16.	
	Examiner Name		Øċ	
otherwise large entity fees must be paid See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.	Group / Art Unit		4/	
TOTAL AMOUNT OF PAYMENT \$) 625	Attorney Docket No.	1709898	80	

							
METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)					
	3. ADDITIONAL F						
1. The Commissioner is hereby authorized to charge		Entity	Small				
indicated fees and credit any over payments to:		Fee	Fee	Fee	Fee	Description	Fee Paid
deposit account 50-0305		(\$)	Code	(\$)			
Deposit CHARMANI AND CLITLER	105	130	205	65	Surcharge - late filir	ng fee or oath	
Account Name	127	50	227	25	Surcharge – late pro cover sheet		
X Charge any Additional Fee Required Under 37 C.F.R. §8 1.16 and 1.17 Charge the Issue Fee Set in 37 C.F.R. § 1 18 at the Mailing of the notice of Allowance		130	139	130	Non-English specific	cation	
		2,520	147	2,520	For filing a request f		
2. X Payment Enclosed:		920*	112	920*	Requesting publica Examiner action	tion of SIR prior to	
X Check Money Order Other	113	1,840*	113	1,840*	Requesting publication		
FEE CALCULATION	115	110					
1. BASIC FILING FEE	116	400	216	200	Extension for reply	within second month	
Large Entity Small Entity	117	950	217	475	Extension for reply	within third month	
Fee Fee Fee Fee Description Fee paid Code (\$) Code (\$)	118	1,510	218	755		within fourth month	
101 710 201 355 Utility filing fee 355	128	2.060	228	1,030	Extension for reply	within fifth month	
106 330 206 165 Design filing fee	119	310	219	155	Notice of Appeal		
107 540 207 270 Plant filing fee	120	310	220	155	Filing a brief in sup	port of an appeal	
108 790 208 395 Reissue filing fee	121	270	221	135	Request for oral he		
114 150 214 75 Provisional filing fee	138	1,510	138	1,510	•	a public use proceeding	
CURTOTAL (4) (¢) 355	140	110	240	55	Petition to revive –		
SUBTOTAL (1) (\$) 355	141	1,320	241 660 Petition to revive – unintentional				
2. EXTRA CLAIM FEES	142	1,320	242	660	Utility issue fee (or		
Fee from Extra Claims below Fee Paid	143	450	243	225	Design issue fee		
Total Claims 50 -20** = 30 X 9 = 270	144	670	244	335	Plant issue fee		
	122	130	122	130	Petitions to the Commissioner		
Independent 3 - 3** = 0 X = 0	123	50	123	50	Petitions related to provisional applications		
Multiple Dependent = 0	126	240	126	240	Submission of Information Disclosure Stmt		
**or number previously paid, if greater; For Reissues, see below	581						
Large Entity Small Entity	property (times number of properties)						
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	146	790	246	395			
103 18 203 9 Claims in excess of 20	149	790	249	395	For each additiona	I invention to be examin	ed
102 80 202 40 Independent claims in excess of 3					(37 CFR 1.29(b))		
104 270 204 135 Multiple dependent claim, if not paid	J Othe	er fee (sp	oecify)				
109 82 209 41 **Reissue dependent claims over onginal patent	Othe	er fee (sp	pecify				
110 22 210 11 ** Reissue claims in excess of 20 and over original patent	* Re	duced b	y Basic	Filing F	ee Paid	SUBTOTAL (3) (\$)	0
SUBTOTAL (2) (\$) 270							
SUBMITTED BY						Complete (if applica	able)
Type or JOHN R CROSSAN Printed Name					. /	Reg. Number	27,433
Signature Com	Date 11/28/10 Deposit Account 50-0305					50-0305	

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